

Contents of *Aquatic Botany*, Volume 67

VOL. 67 NO. 1

MAY 2000

Influence of stomatal conductance on the efficiency of internal pressurisation in <i>Typha domingensis</i> S.D. White and G.G. Ganf (Adelaide, Australia)	1
UV-reflectance in flowers of <i>Nymphaea alba</i> L. and <i>Nuphar lutea</i> (L.) Sm. (Nymphaeaceae) M. Langanger, S. Jokl and M. Musso (Salzburg, Austria).	13
Primary production and macro-detritus dynamics in a European salt marsh: carbon and nitrogen budgets V. Bouchard and J.-C. Lefeuvre (Rennes, France)	23
Short communications	
Genetic diversity of <i>Potamogeton anguillanus</i> in Lake Biwa, Japan S. Iida and Y. Kadono (Kobe, Japan)	43
Diaphragmatic nets prevent water invasion of gas canals in <i>Nelumbo nucifera</i> A.J. Blaylock and R.S. Seymour (Adelaide, Australia).	53
Technical notes	
A test of two methods for plant protein determination using duckweed J.A. Casal (Delft, The Netherlands and La Habana, Cuba), J.E. Vermaat and F. Wiegman (Delft, The Netherlands)	61
Evaluation of digital photography for estimating live and dead aboveground biomass in monospecific macrophyte stands S.M. Smith, P.B. Garrett, J.A. Leeds and P.V. McCormick (West Palm Beach, FL, USA)	69
Guide for Authors	79

VOL. 67 NO. 2

JUNE 2000

Alkalinity and trophic state regulate aquatic plant distribution in Danish lakes O. Vestergaard and K. Sand-Jensen (Hillerød, Denmark)	85
Effect of flooding on the annual dormancy cycle and on germination of seeds of the summer annual <i>Schoenoplectus purshianus</i> (Cyperaceae) C.C. Baskin, J.M. Baskin (Lexington, KY, USA and Clarksville, TN, USA) and E.W. Chester (Clarksville, TN, USA)	109
Pigment composition of freshwater charophyceae M. Schagerl and C. Pichler (Vienna, Austria)	117
Genetic and geographic variation of the mangrove tree <i>Bruguiera</i> in Sri Lanka P.D. Abeyasinghe (Brussel, Belgium and Matara, Sri Lanka), L. Triest, B.D. Greef, N. Koedam (Brussel, Belgium) and S. Hettiarachi (Matara, Sri Lanka)	131

- Reproductive biology of *Polypleurum stylosum* (Podostemaceae)
C. Khosla, K.R. Shivanna (Delhi, India) and H.Y. Mohan Ram (New Delhi, India). . . 143

Short communications

- Stigma peroxidase activity in association with thermogenesis in *Nelumbo nucifera*
R.S. Seymour and A.J. Blaylock (Adelaide, SA, Australia). . . 155
- Recovery times for a damaged *Posidonia australis* bed in south eastern Australia
A.J. Meehan and R.J. West (Wollongong, NSW, Australia). . . 161

VOL. 67 NO. 3

JULY 2000

- Differential permeability of papyrus and *Miscanthidium* root mats in Nakivubo swamp,
Uganda
N.G.T. Azza (Entebbe, Uganda), F. Kansime, M. Nalubega (Kampala, Uganda) and
P. Denny (Delft, The Netherlands). . . 169
- Contrasting responses in two populations of *Zostera noltii* Hornem. to experimental
photoperiod manipulation at two salinities
J.E. Vermaat, F.C.A. Verhagen and D. Lindenburg (Delft, The Netherlands). . . 179
- The influence of periphyton on boundary layer conditions: a pH microelectrode investigation
J.I. Jones, J.W. Eaton and K. Hardwick (Liverpool, UK). . . 191
- Autumn biomass, below-ground productivity, rhizome growth at bed edge and nitrogen
content in seagrasses from Western Australia
E.I. Paling and A.J. McComb (Perth, WA, Australia). . . 207
- Diversity of benthic microalgae in response to colonization time and eutrophication
H. Hillebrand and U. Sommer (Kiel, Germany). . . 221
- Emergence of vegetative propagules of *Potamogeton nodosus*, *Potamogeton pectinatus*,
Vallisneria americana, and *Hydrilla verticillata* based on accumulated degree-days
D.F. Spencer, G.G. Ksander (Davis, CA, USA), J.D. Madsen (Vicksburg, MS, USA)
and C.S. Owens (Lewisville, TX, USA). . . 237

VOL. 67 NO. 4

AUGUST 2000

- The effects of epiphytic algae and their grazers on the intertidal seagrass *Zostera japonica*
C.W. Fong, S.Y. Lee and R.S.S. Wu (Hong Kong, China). . . 251
- Flow characteristics and internal pressure profiles in leaves of the *Typha domingensis*
S.D. White and G.G. Ganf (Adelaide, SA, Australia). . . 263
- Sulfide effects on *Thalassia testudinum* carbon balance and adenylate energy charge
J.M. Erskine and M.S. Koch (Boca Raton, FL, USA). . . 275
- Physiological and growth responses of *Thalassia testudinum* to environmentally-relevant
periods of low irradiance
G.P. Kraemer and M.D. Hanisak (Fort Pierce, FL, USA). . . 287
- Dynamic modeling of the growth of *Phragmites australis*: model description
T. Asaeda and S. Karunaratne (Saitama, Japan). . . 301
- Long-term seagrass meadow monitoring near Perth, Western Australia
H. Kirkman and J. Kirkman (Bangkok, Thailand). . . 319
- Contents of *Aquatic Botany*, Volume 67. . . 333

